



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Maheswaran *et al.*

Appl. No.: 10/646,784

Filed: August 25, 2003

**For: Use of Mullerian Inhibiting
Substance and Interferon for
Treating Tumors**

Confirmation No. 1100

Art Unit: 1614

Examiner: *To Be Assigned*

Atty. Docket: 0609.5130001/LBB/FRC

Information Disclosure Statement under 37 C.F.R. § 1.97(b)

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98. Copies of documents AA1-AK1, AA2-AK2, AA3-AK3, and AA4-AB4 are not provided in accordance with the U.S. Patent and Trademark Office pre-OG notice of July 11, 2003, which states "the Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003." Copies of all other cited documents are provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be

prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

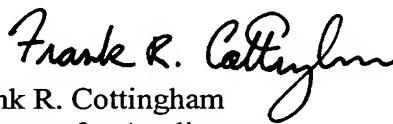
This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO 1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Frank R. Cottingham
Attorney for Applicants
Registration No. 50,437

Date: June 16, 2004

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0609.5130001/LBB/FRC

APPLICATION NO.
10/646,784

APPLICANT
Maheswaran et al.

FILING DATE
August 25, 2003

GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA1	4,404,188	09/13/1983	Donahoe et al.	07/29/1981
	AB1	4,487,833	12/11/1984	Donahoe et al.	03/01/1982
	AC1	4,753,794	06/28/1988	Donahoe	06/24/1986
	AD1	4,897,355	01/30/1990	Eppstein et al.	10/29/1987
	AE1	4,946,787	08/07/1990	Eppstein et al.	10/27/1989
	AF1	5,010,055	04/23/1991	Donahoe	U.S. Filed: 04/25/1988 102(e) Date: 04/25/1988
	AG1	5,011,687	04/30/1991	Donahoe et al.	10/29/1985
	AH1	5,047,336	09/10/1991	Cate et al.	10/30/1985
	AI1	5,049,386	09/17/1991	Eppstein et al.	05/15/1990
	AJ1	5,110,904	05/05/1992	Haviv et al.	07/10/1990
	AK1	5,139,941	08/18/1992	Muzyczka et al.	10/25/1991

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	WO 89/06695 A1 /	07/27/1989	WIPO			Yes No
	AM1	WO 90/11092 A1 /	10/04/1990	WIPO			Yes No
	AN1	WO 94/12650 A1 /	06/09/1994	WIPO			Yes No
	AO1	WO 94/29469 A1 /	12/22/1994	WIPO			Yes No
	AP1	WO 95/16709 A2 /	06/22/1995	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>1</u>	Alam, J., et al., "Comparative Pharmacokinetics and Pharmacodynamics of Two Recombinant Human Interferon Beta-1a (IFN β -1a) Products Administered Intramuscularly in Healthy Male and Female Volunteers," <i>Pharm. Res.</i> 14:546-549, Plenum Press (1997) ✓
	AS	<u>1</u>	Anderson, W.F., "Prospects for Human Gene Therapy," <i>Science</i> 226:401-409, American Association for the Advancement of Science (1984) ✓
	AT	<u>1</u>	Attisano, L. and Lee-Hoeflich, S.T., "The Smads," <i>Genome Biol.</i> 2:3010.1-3010.8, BioMed Central Ltd. (August 2001) ✓

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
		APPLICANT Maheswaran et al.			
		FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA2	5,173,414	12/22/1992	Lebkowski et al.	10/30/1990
	AB2	5,198,420	03/30/1993	Donahoe et al.	06/30/1992
	AC2	5,310,880	05/10/1994	Donahoe et al.	04/12/1991
	AD2	5,354,678	10/11/1994	Lebkowski et al.	12/21/1992
	AE2	5,359,033	10/25/1994	Cate et al.	U.S. Filed: 06/23/1993 102(e) Date: 07/23/1990
	AF2	5,427,780	06/27/1995	Cate et al.	10/05/1992
	AG2	5,436,146	07/25/1995	Shenk et al.	01/21/1993
	AH2	5,459,127	10/17/1995	Felgner et al.	09/16/1993
	AI2	5,474,935	12/12/1995	Chatterjee et al.	07/25/1994
	AJ2	5,478,745	12/26/1995	Samulski et al.	12/04/1992
	AK2	5,484,768	01/16/1996	Donahoe et al.	U.S. Filed: 03/08/1993 102(e) Date: 03/08/1993

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2	WO 96/29411 A1 /	09/26/1996	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	2	Baarends, W.M., et al., "A novel member of the transmembrane serine/threonine kinase receptor family is specifically expressed in the gonads and in mesenchymal cells adjacent to the müllerin duct," <i>Development</i> 120:189-197, The Company of Biologists Ltd. (1994) /
	AS	2	Baichwal, V.R. and Baeuerle, P.A., "Apoptosis: Activate NF-κB or die?" <i>Curr. Biol.</i> 7:R94-R96, Current Biology (1997) /
	AT	2	Baker, M.L. and Hutson, J.M., "Serum Levels of Mullerian Inhibiting Substance in Boys throughout Puberty and in the First Two Years of Life," <i>J. Clin. Endocrinol. Metab.</i> 76:245-247, The Endocrine Society (1993) /

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA3	5,538,892	07/23/1996	Donahoe et al.	11/04/1993
	AB3	5,547,854	08/20/1996	Donahoe et al.	10/04/1994
	AC3	5,589,377	12/31/1996	Lebkowski et al.	06/06/1995
	AD3	5,580,859	12/03/1996	Felgner et al.	03/18/1994
	AE3	5,589,466	12/31/1996	Felgner et al.	01/26/1995
	AF3	5,661,126	08/26/1997	Donahoe et al.	07/07/1994
	AG3	5,593,972	01/14/1997	Weiner et al.	09/21/1993
	AH3	5,652,224	07/29/1997	Wilson et al.	02/24/1995
	AI3	5,676,954	10/14/1997	Brigham	05/08/1995
	AJ3	5,693,622	12/02/1997	Wolff et al.	06/07/1995
	AK3	5,703,055	12/30/1997	Felgner et al.	01/26/1994

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>3</u>	Bardin, C.W., et al., "Chapter 25. Androgens," in: <i>Reproductive Endocrinology, Surgery, and Technology</i> , Adashi, E.Y., et al., eds., Lippincott-Raven Publishers, Philadelphia, PA, pp. 505-525 (1995) ✓
	AS	<u>3</u>	Barkett, M. and Gilmore, T.D., "Control of apoptosis by Rel/NF-κB transcription factors," <i>Oncogene</i> 18:6910-6924, Stockton Press (1999) ✓
	AT	<u>3</u>	Baron, S., et al., "The Interferons. Mechanisms of Action and Clinical Applications," <i>J. Am. Med. Assoc.</i> 266:1375-1383, American Medical Association (1991) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA4	5,906,979	05/25/1999	Allan	01/27/1998
	AB4	5,912,224	06/15/1999	Donahoe et al.	02/21/1997
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>4</u>	Baron, S. and Dianzani, F., "The interferons: a biological system with therapeutic potential in viral infections," <i>Antiviral Res.</i> 24:97-110, Elsevier Science B.V. (1994) ✓
	AS	<u>4</u>	Barrie, S.E., et al., "Biochemistry and Pharmacokinetics of Potent Non-steroidal Cytochrome P450 _{17α} Inhibitors," <i>J. Steroid Biochem. Molec. Biol.</i> 60:347-351, Elsevier Science Ltd. (1997) ✓
	AT	<u>4</u>	Behringer, R.R., et al., "Abnormal sexual development in transgenic mice chronically expressing Müllerian inhibiting substance," <i>Nature</i> 345:167-170, Macmillan Publishers (1990) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>5</u>	Behringer, R.R., et al., "Müllerian-Inhibiting Substance Function during Mammalian Sexual Development," Cell 79:415-425, Cell Press (1994)✓
	AS	<u>5</u>	Belldgrun, A., et al., "Human renal Carcinoma Line Transfected With Interleukin-2 and/or Interferon α Gene(s): Implications for Live Cancer Vaccines," J. Natl. Cancer Inst. 85:207-216, Oxford University Press (1993)✓
	AT	<u>5</u>	Bissonnette, R.P., et al., "Apoptotic cell death induced by c-myc is inhibited by bcl-2," Nature 359:552-554, Nature Publishing Company (1992)✓

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>6</u>	Borelli, E., et al., "Targeting of an inducible toxic phenotype in animal cells," <i>Proc. Natl. Acad. Sci. USA</i> 85:7572-7576, National Academy of Sciences (1988) ✓
	AS	<u>6</u>	Brown, K., et al., "Control of I κ B- α Proteolysis by Site-Specific, Signal-Induced Phosphorylation," <i>Science</i> 267:1485-1488, American Association for the Advancement of Science (1995) ✓
	AT	<u>6</u>	Cate, R.L., et al., "Isolation of the Bovine and Human Genes for Müllerian Inhibiting Substance and Expression of the Human Gene in Animal Cells," <i>Cell</i> 45:685-698, Cell Press (1986) ✓

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	7	Cate, R.L., et al., "Development of Mullerian Inhibiting Substance as an Anti-cancer Drug," <i>Cold Spring Harbor Symposia Quant. Biol.</i> LI:641-647, Cold Spring Harbor Laboratory (1986),
	AS	7	Cate, R.L., et al., "Mullerian Inhibiting Substance: A Fetal Growth Inhibitor with Homology to TGF- β ," <i>J. Cell. Biochem. Supplement</i> 12A:183, Abstract No. D005, Alan R. Liss (1988),
	AT	7	Chapman, R.S., et al., "A novel role for IRF-1 as a suppressor of apoptosis," <i>Oncogene</i> 19:6386-6391, Nature Publishing Group (2000),

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE	
AA					
AB					
AC					
AD					
AE					
AF					
AG					
AH					
AI					
AJ					
AK					

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AM						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>8</u>	Chen, C.-J., et al., "Role of Interferon Regulatory Factor-1 in the Induction of Biliary Glycoprotein (Cell CAM-1) by Interferon- γ ," <i>J. Biol. Chem.</i> 271:28181-28188, The American Society for Biochemistry and Molecular Biology, Inc. (1996) ✓
	AS	<u>8</u>	Chin, T., et al., "Human Müllerian Inhibiting Substance Inhibits Tumor Growth in Vitro and in Vivo," <i>Cancer Res.</i> 51:2101-2106, American Association for Cancer Research (1991) ✓
	AT	<u>8</u>	Clarke, T.R., et al., "Müllerian Inhibiting Substance Signaling Uses a Bone Morphogenetic Protein (BMP)-Like Pathway Mediated by ALK2 and Induces Smad6 Expression," <i>Mol. Endocrinol.</i> 15:946-959, The Endocrine Society (June 2001) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Clarkson, R.W.E., et al., "NF- κ B Inhibits Apoptosis in Murine Mammary-Epithelia," <i>J. Biol. Chem.</i> 275:12737-12742, The American Society for Biochemistry and Molecular Biology, Inc. (2000) ✓
	AS	2	Clumeck, N. and Hermans, P., "Antiviral Drugs Other than Zidovudine and Immunomodulating Therapies in Human Immunodeficiency Virus Infection," <i>Am. J. Med.</i> 85:165-172, Excerpta Medica (1988) ✓
	AT	2	Colamonici, O.R., et al., "Multichain Structure of the IFN- α Receptor on Hematopoietic Cells," <i>J. Immunol.</i> 148:2126-2132, The American Association of Immunologists (1992) ✓

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>10</u>	Colamonic, O.R. and Domanski, P., "Identification of a Novel Subunit of the Type I Interferon Receptor Localized to Human Chromosome 21," <i>J. Biol. Chem.</i> 268:10895-10899, The American Society for Biochemistry and Molecular Biology, Inc. (1993)
	AS	<u>10</u>	Cornetta, K. and Anderson, W.F., "Protamine sulfate as an effective alternative to polybrene in retroviral-mediated gene-transfer: implications for human therapy," <i>J. Virolog. Meth.</i> 23:187-194, Elsevier Science Publishers B.V. (1989)
	AT	<u>10</u>	Crowley, W.F., Jr., "Neuroendocrine & Gonadal Control of Male Reproduction," application for National Institute of Child Health and Human Development, grant no. 2 U54 HD-28138-10 (April 1, 2000 or later)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>11</u>	Culver, K.W., et al., "In Vivo Gene Transfer with Retroviral Vector-Producer Cells for Treatment of Experimental Brain Tumors," <i>Science</i> 256:1550-1552, American Association for the Advancement of Science (1992) ✓
	AS	<u>11</u>	Culver, K., et al., "Lymphocytes as cellular vehicles for gene therapy in mouse and man," <i>Proc. Natl. Acad. Sci. USA</i> 88:3155-3159, National Academy of Sciences (1991) ✓
	AT	<u>11</u>	Deamer, D. and Bangham, A.D., "Large Volume Liposomes by an Ether Vaporization Method," <i>Biochim. Biophys. Acta</i> 443:629-634, Elsevier Scientific Publishing Co. (1976) ✓

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>12</u>	Debs, R.J., et al., "Regulation of Gene Expression in Vivo by Liposome-mediated Delivery of a Purified Transcription Factor," <i>J. Biol. Chem.</i> 265:10189-10192, The American Society for Biochemistry and Molecular Biology (1990) ✓
	AS	<u>12</u>	di Clemente, N., et al., "Cloning, Expression, and Alternative Splicing of the Receptor for Anti-Müllerian Hormone," <i>Mol. Endocrinol.</i> 8:1006-1020, The Endocrine Society (1994) ✓
	AT	<u>12</u>	Doherty, G.M., et al., "Interferon Regulatory Factor Expression in Human Breast Cancer," <i>Ann. Surg.</i> 233:623-629, Lippincott, Williams & Wilkins, Inc. (May 2001) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE	
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>13</u>	Domanski, P., et al., "Cloning and Expression of a Long Form of the β Subunit of the Interferon $\alpha\beta$ Receptor That is Required for Signaling," <i>J. Biol. Chem.</i> 270:21606-21611, American Society for Biochemistry and Molecular Biology (1995) ✓
	AS	<u>13</u>	Donahoe, P.K., et al., "A Graded Organ Culture Assay for the Detection of Mullerian Inhibiting Substance," <i>J. Surg. Res.</i> 23:141-148, Academic Press, Inc. (1977) ✓
	AT	<u>13</u>	Donahoe, P.K., et al., "Mullerian Inhibiting Substance Inhibits Growth of a Human Ovarian Cancer in Nude Mice," <i>Ann. Surg.</i> 194:472-480, J.B. Lippincott Co. (1981) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE	
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>14</u>	Donahoe, P.K., "Mullerian Inhibiting Substance: A Tyrosine Kinase Inhibitor with Anticancer Effects," <i>J. Cell. Biochem., Supplement 12A:183</i> , Abstract No. D006, Alan R. Liss, Inc. (1988) ✓
	AS	<u>14</u>	Donahoe, P.K., "Müllerian Inhibiting Substance in Reproduction and Cancer," <i>Molec. Reprod. Develop. 32:168-172</i> , Wiley-Liss, Inc. (1992) ✓
	AT	<u>14</u>	Donahoe, P.K., "MIS Receptors-Novel Serine/Threonine Kinase Components," application for National Institute of Child Health and Human Development grant no. 2 R01 HD-32112-06A1 (January 15, 2000 or later) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE	
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>15</u>	Dron, M. and Tovey, M.G., "Interferon α/β Gene Structure and Regulation," in: <i>Interferon: Principles and Medical Applications</i> , Baron, S., et al., eds., The University of Texas Medical Branch at Galveston, Galveston, TX, pp. 33-45 (1992) ✓
	AS	<u>15</u>	Duncan, G.S., et al., "The Transcription Factor Interferon Regulatory Factor-1 Is Essential for Natural Killer Cell Function In Vivo," <i>J. Exp. Med.</i> 184:2043-2048, The Rockefeller University Press (1996) ✓
	AT	<u>15</u>	Engelhardt, J.F., et al., "Adenovirus-Mediated Transfer of the CFTR Gene to Lung of Nonhuman Primates: Biological Efficacy Study," <i>Human Gene Ther.</i> 4:759-769, Mary Ann Liebert, Inc. Publishers (1993) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>16</u>	Enoch, H.G. and Strittmatter, P., "Formation and properties of 1000-Å-diameter, single-bilayer phospholipid vesicles," <i>Proc. Natl. Acad. Sci. USA</i> 76:145-149, National Academy of Sciences (1979) ✓
	AS	<u>16</u>	Evan, G.I., et al., "Induction of Apoptosis in Fibroblasts by c-myc Protein," <i>Cell</i> 69:119-128, Cell Press (1992) ✓
	AT	<u>16</u>	Ezzeddine, Z.D., et al., "Selective Killing of Glioma Cells in Culture and in Vivo by Retrovirus Transfer of the Herpes Simplex Virus Thymidine Kinase Gene," <i>New Biol.</i> 3:608-614, W.B. Saunders (1991) ✓

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>17</u>	Felgner, P.L., et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," <i>Proc. Natl. Acad. Sci. USA</i> 84:7413-7417, National Academy of Sciences (1987) ✓
AS	<u>17</u>	Ferrantini, M., et al., "IFN- α 1 Gene Expression into a Metastatic Murine Adenocarcinoma (TS/A) Results in CD8 ⁺ T Cell-Mediated Tumor Rejection and Development of Antitumor Immunity. Comparative Studies with IFN- γ -Producing TS/A Cells," <i>J. Immunol.</i> 153:4604-4615, The American Association of Immunologists (1994) ✓
AT	<u>17</u>	Ferrantini, M., et al., " α ₁ -Interferon Gene Transfer into Metastatic Friend Leukemia Cells Abrogated Tumorigenicity in Immunocompetent Mice: Antitumor Therapy by Means of Interferon-producing Cells," <i>Cancer Res.</i> 53:1107-1112, American Association for Cancer Research (1993) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>18</u>	Fierlbeck, G., et al., "Pharmacodynamics of Recombinant IFN- β During Long-Term Treatment of Malignant Melanoma," <i>J. Interferon Cytokine Res.</i> 16:777-781, Mary Ann Leibert, Inc. (1996) ✓
	AS	<u>18</u>	Fraley, R., et al., "Entrapment of a bacterial plasmid in phospholipid vesicles: Potential for gene transfer," <i>Proc. Natl. Acad. Sci. USA</i> 76:3348-3352, National Academy of Sciences (1979) ✓
	AT	<u>18</u>	Fraley, R., et al., "Introduction of Liposome-encapsulated SV40 DNA into Cells," <i>J. Biol. Chem.</i> 255:10431-10435, American Association for Biochemistry and Molecular Biology (1980) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>19</u>	Fuller, A.F., Jr., et al., "Mullerian Inhibiting Substance Reduction of Colony Growth of Human Gynecologic Cancers in a Stem Cell Assay," <i>Gynecol. Oncol.</i> 22:135-148, Academic Press, Inc. (1985) ✓
	AS	<u>19</u>	Fynn-Thompson, E., "Müllerian Inhibiting Substance Regulates Steroidogenesis in Rodent Leydig Tumor Cell Lines," Slides Presented at Harvard Medical School Prematriculation Summer Program Presentation, 13 pages (1998) ✓
	AT	<u>19</u>	Geymayer, S. and Doppler, W., "Activation of NF-κB p50/p65 is regulated in the developing mammary gland and inhibits STAT5-mediated β-casein gene expression," <i>FASEB J.</i> 14:1159-1170, The Federation of American Societies for Experimental Biology (2000) ✓

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>20</u>	Gouédard, L., et al., "Engagement of Bone Morphogenetic Protein Type IB Receptor and Smad1 Signaling by Anti-Müllerian Hormone and Its Type II Receptor," <i>J. Biol. Chem.</i> 275:27973-27978, The American Society for Biochemistry and Molecular Biology, Inc. (2000). ✓
	AS	<u>20</u>	Green M., et al., "Analysis of human tonsil and cancer DNAs and RNAs for DNA sequences of group C (serotypes 1, 2, 5, and 6) human adenoviruses," <i>Proc. Natl. Acad. Sci. USA</i> 76:6606-6610, National Academy of Sciences (1979). ✓
	AT	<u>20</u>	Gustafson, M.L., et al., Müllerian Inhibiting Substance as a Marker for Ovarian Sex-Cord Tumor," <i>New Engl. J. Med.</i> 326:466-471, Massachusetts Medical Society (1992) ✓

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>21</u>	Ha, T.U., et al., "Müllerian Inhibiting Substance Inhibits Ovarian Cell Growth through an Rb-independent Mechanism," <i>J. Biol. Chem.</i> 275:37101-37109, The American Society for Biochemistry and Molecular Biology, Inc. (2000) ✓				
	AS	<u>21</u>	Hsieh, J.-T., et al., "Tumor Suppressive Role of an Androgen-regulated Epithelial Cell Adhesion Molecule (C-CAM) in Prostate Carcinoma Cell Revealed by Sense and Antisense Approaches," <i>Cancer Res.</i> 55:190-197, American Association for Cancer Research (1995) ✓				
	AT	<u>21</u>	Hudson, P.L., et al., "An Immunoassay to Detect Human Mullerian Inhibiting Substance in Males and Females during Normal Development," <i>J. Clin. Endocrinol. Metabol.</i> 70:16-22, Williams and Wilkins (1990) ✓				
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>22</u>	Hudson, P.L., et al., "Müllerian Inhibiting Substance (MIS) Slows the Cell Cycle Progression of Human Epidermoid Carcinoma, A431 Cells," <i>J. Cell Biol.</i> 115:276a, Abstract No. 1599, The Rockefeller University Press (1991)
	AS	<u>22</u>	Huang, J., et al., "Essential role of biliary glycoprotein (CD66a) in morphogenesis of the human mammary epithelial cell line MCF10F," <i>J. Cell Sci.</i> 112:4193-4205, The Company of Biologists Ltd. (1999)
	AT	<u>22</u>	Huang, J., et al., "Expression of Biliary Glycoprotein (CD66a) in Normal and Malignant Breast Epithelial Cells," <i>Anticancer Res.</i> 18:3203-3212, J.G. Delinassios (1998)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>23</u>	Jacobs, J.L., "Immunologic Developments in AIDS - 1986," in: <i>The Year in Immunology</i> , Cruse, J.M., et al., eds., Karger, Basel, CH, pp. 303-309 (1988)
	AS	<u>23</u>	Josso, N., et al., "Anti-Müllerian Hormone: The Jost Factor," in: <i>Recent Progress in Hormone Research</i> , Bardin, C.W., ed., Academic Press, Inc., San Diego, CA, pp. 1-59 (1988)
	AT	<u>23</u>	Josso, N., et al., "Anti-Müllerian hormone in early human development," <i>Early Human Develop.</i> 33:91-99, Elsevier Scientific Publishers Ireland Ltd. (1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE	
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>24</u>	Jost, A., "Recherches Sur la Différenciation Sexuelle de L'Embryon de Lapin," in: <i>Archives D'Anatomie Microscopique et de Morphologie Expérimentale</i> , Avel, M., et al., eds., Masson & C ^{ie} , Paris, FR, pp. 18-315 (1946-1947)
	AS	<u>24</u>	Kaido, T., et al., "IFN- α_1 Gene Transfection Completely Abolishes the Tumorigenicity of Murine B16 Melanoma Cells in Allogeneic DBA/2 Mice Decreases Their Tumorigenicity in Syngeneic C57BL/6 Mice," <i>Int. J. Cancer</i> 60:221-229, Wiley-Liss, Inc. (1995)
	AT	<u>24</u>	Kanamaru, C., et al., "Smad7 Is Induced by Norepinephrine and Protects Rat Hepatocytes from Activin A-induced Growth Inhibition," <i>J. Biol. Chem.</i> 276:45636-45641, The American Society for Biochemistry and Molecular Biology, Inc. (December 2001)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>25</u>	Kaneda, Y., et al., "Increased Expression of DNA Cointroduced with Nuclear Protein in Adult Rat Liver," <i>Science</i> 343:375-378, American Association for the Advancement of Science (1989)
	AS	<u>25</u>	Kasid, A., et al., "Human gene transfer: Characterization of human tumor-infiltrating lymphocytes as vehicles for retroviral-mediated transfer in man," <i>Proc. Natl. Acad. Sci. USA</i> 87:473-477, National Academy of Sciences (1990)
	AT	<u>25</u>	Kendall, S.K., et al., "Targeted disruption of the pituitary glycoprotein hormone α -subunit produces hypogonadal and hypothyroid mice," <i>Genes & Develop.</i> 9:2007-2019, Cold Spring Harbor Laboratory Press (1995)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>26</u>	Kim, J.H., et al., "The Inhibitory Effects of Müllerian-Inhibiting Substance on Epidermal Growth Factor Induced Proliferation and Progesterone Production of Human Granulosa-Luteal Cells," <i>J. Clin. Endocrinol. Metab.</i> 75:911-917, The Endocrine Society (1992)
	AS	<u>26</u>	Kirchhoff, S. and Hauser, H., "Cooperative activity between HER oncogenes and the tumor suppressor IRF-1 results in apoptosis," <i>Oncogene</i> 18:3725-3736, Nature Publishing Group (1999)
	AT	<u>26</u>	Kleinerman, D.I., et al., "Consistent Expression of an Epithelial Cell Adhesion Molecule (C-CAM) during Human Prostate Development and Loss of Expression in Prostate Cancer: Implication as a Tumor Suppressor," <i>Cancer Res.</i> 55:1215-1220, American Association for Cancer Research (1995)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>27</u>	Knazek, R.A., et al., "Culture of human tumor infiltrating lymphocytes in hollow fiber bioreactors," <i>J. Immunolog. Meth.</i> 127:29-37, Elviesier Science Publishers B.V. (1990)
	AS	<u>27</u>	Koller, B.H. and Smithies, O., "Inactivating the β_2 -microglobulin locus in mouse embryonic stem cells by homologous recombination," <i>Proc. Natl. Acad. Sci. USA</i> 86:8932-8935, National Academy of Sciences (1989)
	AT	<u>27</u>	Kowalik, T.F., et al., "E2F1 Overexpression in Quiescent Fibroblasts Leads to Induction of Cellular DNA Synthesis and Apoptosis," <i>J. Virol.</i> 69:2491-2500, American Society for Microbiology (1995)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>28</u>	Kozarsky, K.F. and Wilson, J.M., "Gene therapy: adenovirus vectors," <i>Curr. Opin. Genet. Develop.</i> 3:499-503, Current Biology (1993)
	AS	<u>28</u>	Kretzschmar, M. and Massague, J., "SMADs: mediators and regulators of TGF- β signaling," <i>Curr. Opin. Genet. Develop.</i> 8:103-111, Current Biology (1998)
	AT	<u>28</u>	Kurian, M.S., et al., "Cleavage of Müllerian Inhibiting Substance Activates Antiproliferative Effects in Vivo," <i>Clin. Cancer Res.</i> 1:343-349, American Association for Cancer Research (1995)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>29</u>	Lallemand, F., et al., "Smad7 inhibits the survival nuclear factor kB and potentiates apoptosis in epithelial cells," <i>Oncogene</i> 20:879-884, Nature Publishing group (February 2001)
	AS	<u>29</u>	Lane, A.H. and Donahoe, P.K., "New insights into Mullerian inhibiting substance and its mechanism of action," <i>J. Endocrinol.</i> 158:1-6, Society of Endocrinology (1998)
	AT	<u>29</u>	Lee, M.M., et al., "Mullerian Inhibiting Substance un Humans: Normal Levels from Infacny to Adulthood," <i>J. Clin. Endocrinol. Metab.</i> 81:571-576, The Endocrine Society (1996)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>30</u>	Lee, M.M., et al., "Müllerian-Inhibiting Substance Type II Receptor Expression and Function in Purified Rat Leydig Cells," <i>Endocrinol.</i> 140:2819-2827, The Endocrine Society (1999)
	AS	<u>30</u>	Lengyel, P., "Biochemistry of Interferons and Their Actions," <i>Ann. Rev. Biochem.</i> 51:251-282, Annual Reviews Inc. (1982)
	AT	<u>30</u>	Luo, W., et al., "Suppression of tumorigenicity of breast cancer cells by an epithelial cell adhesion molecule (C-CAM1): the adhesion and growth suppression are mediated by different domains," <i>Oncogene</i> 14:1697-1704, Nature Publishing Group (1997)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>31</u>	Luo, W., et al., "Tumor-suppressive activity of CD66a in prostate cancer," <i>Cancer Gene Ther.</i> 6:313-321, Nature Publishing Group (1999)
	AS	<u>31</u>	Lyet, L., et al., "Ontogeny of Reproductive Abnormalities Induced by Deregulation of Anti-Müllerian Hormone Expression in Transgenic Mice," <i>Biol. Reprod.</i> 52:444-454, Society for the Study of Reproduction (1995)
	AT	<u>31</u>	MacLaughlin, D.T., et al., "Bioassay, Purification, Cloning, and Expression of Müllerian Inhibiting Substance," <i>Meth. Enzymol.</i> 198:358-369, Academic Press Inc. (1991)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>32</u>	MacLaughlin, D.T., et al., "Mullerian Duct Regression and Antiproliferative Bioactivities of Mullerian Inhibiting Substance Reside in its Carboxy-Terminal Domain," <i>Endocrinol.</i> 131:291-296, The Endocrine Society (1992)
	AS	<u>32</u>	Malone, R.W., et al., "Cationic liposome-mediated RNA transfection," <i>Proc. Natl. Acad. Sci. USA</i> 86:6077-6081, National Academy of Sciences (1989)
	AT	<u>32</u>	Miller, A.D., "Retrovirus Packaging Cells," <i>Human Gene Ther.</i> 1:5-14, Mary Ann Leibert, Inc., Publishers (1990)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
		APPLICANT Maheswaran et al.			
		FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>33</u>	Mishina, Y., et al., "Genetic analysis of the Müllerian-inhibiting substance signal transduction pathway in mammalian sexual differentiation," <i>Genes & Develop.</i> 10:2577-2587, Cold Spring Harbor Laboratory Press (1996)
	AS	<u>33</u>	Miyazaki, M., et al., "Transforming Growth Factor- β 1 Stimulates or Inhibits Cell Growth via Down- or Up-Regulation of p21/Waf1," <i>Biochem. Biophys. Res. Commun.</i> 246:873-880, Academic Press (1998)
	AT	<u>33</u>	Moolten, F.L. and Wells, J.M., "Curability of Tumors Bearing Herpes Thymidine Kinase Genes Transferred by Retroviral Vectors," <i>J. Natl. Cancer Inst.</i> 82:297-300, Oxford University Press (1990)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>34</u>	Moolten, F.L., "Tumor Chemosensitivity Conferred by Inserted Herpes Thymidine Kinase Genes: Paradigm for a Prospective Cancer Control Strategy," <i>Cancer Res.</i> 46:5276-5281, American Association for Cancer Research (1986)				
	AS	<u>34</u>	Muzyczka, N., "Use of Adeno-Associated Virus as a General Transduction Vector for Mammalian Cells," <i>Curr. Topics Microbiol. Immunol.</i> 158:97-129, Springer-Verlag (1992)				
	AT	<u>34</u>	Nakshatri, H., et al., "Constitutive Activation of NF- κ B during Progression of Breast Cancer to Hormone-Independent Growth," <i>Molec. Cell. Biol.</i> 17:3629-3639, American Society for Microbiology (1997)				
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>35</u>	Nelson, D.R., et al., "The P450 Superfamily: Update on New Sequences, Gene Mapping, Accession Numbers, Early Trivial Names of Enzymes, and Nomenclature," <i>DNA Cell Biol.</i> 12:1-51, Mary Ann Liebert, Inc., Publishers (1993)
	AS	<u>35</u>	Nnane, I.P., et al., "Inhibition of Androgen Synthesis in Human Testicular and Prostate Microsomes and in Male Rats by Novel Steroidal Compounds," <i>Endocrinol.</i> 140:2891-2897, The Endocrine Society (1999)
	AT	<u>35</u>	Novick, D., et al., "The Human Interferon α/β Receptor: Characterization and Molecular Cloning," <i>Cell</i> 77:391-400, Cell Press (1994)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>36</u>	Nozawa, H., et al., "Loss of transcription factor IRF-1 affects tumor susceptibility in mice carrying the Ha-ras transgene or nullizygosity for p53," <i>Genes & Develop.</i> 13:1240-1245, Cold Spring Harbor Laboratory Press (1999)
	AS	<u>36</u>	Ogasawara, S., et al., "Common Deleted Region on the Long Arm of Chromosome 5 in Esophageal Carcinoma," <i>Gastroenterol.</i> 110:52-57, W.B. Saunders (1996)
	AT	<u>36</u>	Ogasawara, K., et al., "Requirement for IRF-1 in the microenvironment supporting development of natural killer cells," <i>Nature</i> 391:700-703, Nature Publishing Group (1998)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>37</u>	Ogura, H., et al., "Implantation of Genetically Fibroblasts into Mice as Antitumor α -Interferon Therapy," <i>Cancer Res.</i> 50:5102-5106, American Association for Cancer Research (1990)
	AS	<u>37</u>	Ohmori, Y., et al., "Synergy between Interferon- γ and Tumor Necrosis Factor- α in Transcriptional Activation Is Mediated by Cooperation between Signal Transducer and Activator of Transcription 1 and Nuclear Factor κ B," <i>J. Biol. Chem.</i> 272:14899-14907, The American Society for Biochemistry and Molecular Biology, Inc. (1997)
	AT	<u>37</u>	O'Shaughnessy, P.J., et al., "Fetal Development of Leydig Cell Activity in the Mouse Is Independent of Pituitary Gonadotroph Function," <i>Endocrinol.</i> 139:1141-1146, The Endocrine Society (1998)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>38</u>	Ostro, M.J., et al., "Incorporation of High Molecular Weight RNA into Large Artificial Lipid Vesicles," <i>Biochem. Biophys. Res. Commun.</i> 76:836-842, Academic Press, Inc. (1977)				
	AS	<u>38</u>	Ozzello, L., et al., "Antiproliferative effects of natural interferon beta alone and in combination with natural interferon gamma on human breast carcinomas in nude mice," <i>Breast Cancer Res. Treat.</i> 16:89-96, Kluwer Academic Publishers (1990)				
	AT	<u>38</u>	Papahadjopoulos, D., et al., "Cochleate Lipid Cylinders: Formation by Fusion of Unilamellar Lipid Vesicles," <i>Biochim. Biophys. Acta</i> 394:483-491, Elsevier Scientific Publishing Co. (1975)				
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>39</u>	Parry, R.L., et al., "Recombinant Human Mullerian Inhibiting Substance Inhibits Human Ocular Melanoma Cell Lines <i>in Vitro</i> and <i>in Vivo</i> ," <i>Cancer Res.</i> 52:1182-1186, American Association for Cancer Research (1992)
	AS	<u>39</u>	Payne, A.H. and Youngblood, G.L., "Regulation of Expression of Steroidogenic Enzymes in Leydig Cells," <i>Biol. Reprod.</i> 52:217-225, Society for the Study of Reproduction (1995)
	AT	<u>39</u>	Pepinsky, R.B., et al., "Proteolytic Processing of Mullerian Inhibiting Substance Produces a Transforming Growth Factor- β -like Fragment," <i>J. Biol. Chem.</i> 263:18961-18964, The American Society for Biochemistry and Molecular Biology, Inc. (1988)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>40</u>	Percario, Z.A., et al., "Retinoic Acid is Able to Induce Interferon Regulatory factor 1 in Squamous Carcinoma Cells via a STAT-1 Independent Signalling Pathway," <i>Cell Growth Diff.</i> 10:263-270, American Association for Cancer Research (1999)
	AS	<u>40</u>	Pestka, S. and Langer, J.A., "Interferons and Their Actions," <i>Ann. Rev. Biochem.</i> 56:727-777, Annual reviews, Inc. (1987)
	AT	<u>40</u>	Pfister, K., et al., "Syncatalytic conformational changes in aspartame aminotransferase determined by hydrogen-deuterium exchange," <i>Proc. Natl. Acad. Sci. USA</i> 75:145-148, National Academy of Sciences (1978)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE	
AA					
AB					
AC					
AD					
AE					
AF					
AG					
AH					
AI					
AJ					
AK					

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>41</u>	Picard, J.-Y., et al., "Cloning and expression of cDNA for anti-Müllerian hormone," <i>Proc. Natl. Acad. Sci. USA</i> 83:5464-5468, National Academy of Sciences (1986)
	AS	<u>41</u>	Platanias, L.C., et al., "Characterization of the α Subunit of the IFN- α Receptor," <i>J. Immunol.</i> 150:3382-3388, The American Association of Immunologists (1993)
	AT	<u>41</u>	Platanias, L.C., et al., "Tyrosine Phosphorylation of the α and β Subunits of the Type I Interferon Receptor," <i>J. Biol. Chem.</i> 269:17761-17764, American Society for Biochemistry and Molecular Biology (1994)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE	
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>42</u>	Platanias, L.C., et al., "Differences in Interferon α and β Signaling," <i>J. Biol. Chem.</i> 271:23630-23633, American Society for Biochemistry and Molecular Biology (1996)
	AS	<u>42</u>	Qureshi, S.A., et al., "Function of Stat2 Protein in Transcriptional Activation by Alpha Interferon," <i>Molec. Cell. Biol.</i> 16:288-293, American Society for Microbiology (1996)
	AT	<u>42</u>	Racine, C., et al., "Receptors for anti-Müllerian hormone on Leydig cells are responsible for its effects on steroidogenesis and cell differentiation," <i>Proc. Natl. Acad. Sci. USA</i> 95:594-599, National Academy of Sciences (1998)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>43</u>	Ragin, R.C., et al., "Human Müllerian Inhibiting Substance: Enhanced Purification Imparts Biochemical Stability and restores Antiproliferative Effects," <i>Prot. Exp. Purif.</i> 3:236-245, Academic Press, Inc. (1992)
	AS	<u>43</u>	Ram, Z., et al., "In Situ Retroviral-mediated Gene Transfer for the Treatment of Brain Tumors in Rats," <i>Cancer Res.</i> 53:83-88, American Association for Cancer Research (1993)
	AT	<u>43</u>	Rey, R., et al., "Anti-Müllerian Hormone and Testosterone Serum Levels Are Inversely Related during Normal and Precocious Pubertal Development," <i>J. Clin. Endocrinol. Metab.</i> 77:1220-1226, The Endocrine Society (1993)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>44</u>	Remington, J.P., ed., <i>Remington's Pharmaceutical Sciences</i> , Mack Publishing Company, Easton, PA, pp. 23-28 (1990)				
	AS	<u>44</u>	Romeo, G., et al., "IRF-1 as a Negative Regulator of Cell Proliferation," <i>J. Interferon Cytokine Res.</i> 22:39-47, Mary Ann Leibert, Inc. (January 2002)				
	AT	<u>44</u>	Rosenberg, M.B., et al., "Grafting Genetically Modified Cells to the Damaged Brain: Restorative Effects of NGF Expression," <i>Science</i> 242:1575-1578, American Association for the Advancement of Science (1988)				
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>45</u>	Rosenberg, S.A., et al., "Use of Tumor-Infiltrating Lymphocytes and Interleukin-2 in the Immunotherapy of Patients with Metastatic Melanoma," <i>New Engl. J. Med.</i> 319:1676-1680, Massachusetts Medical Society (1988)
	AS	<u>45</u>	Rosenfeld, M.A., et al., "Adenovirus-Mediated Transfer of a Recombinant α 1-Antitrypsin Gene to the Lung Epithelium in Vivo," <i>Science</i> 252:431-434, American Association for the Advancement of Science (1991)
	AT	<u>45</u>	Rosenfeld, M.A., et al., "In Vivo Transfer of the Human Cystic Fibrosis Transmembrane Conductance Regulator Gene to the Airway Epithelium," <i>Cell</i> 68:143-155, Cell Press (1992)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>46</u>	Rouiller-Fabre, V., et al., "Effect of Anti-Mullerian Hormone on Sertoli and Leydig Cell Functions in Fetal and Immature Rats," <i>Endocrinol.</i> 139:1213-1220, The Endocrine Society (1998)
	AS	<u>46</u>	Saez, J.M., "Leydig Cells: Endocrine, Paracrine, and Autocrine Regulation," <i>Endo. Rev.</i> 15:574-626, The Endocrine Society (1994)
	AT	<u>46</u>	Salmon, P., et al., "Pharmacokinetics and Pharmacodynamics of Recombinant Human Interferon- β in Healthy Male Volunteers," <i>J. Interferon Cyto. Res.</i> 16:759-764, Mary Ann Leibert, Inc. (1996)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE	
AA					
AB					
AC					
AD					
AE					
AF					
AG					
AH					
AI					
AJ					
AK					

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>47</u>	Santodonato, L., et al., "Local and systemic antitumor response after combined therapy of mouse metastatic tumors with tumor cells expressing IFN- α and HSVtk: perspectives for the generation of cancer vaccines," <i>Gene Ther.</i> 4:1246-1255, Stockton Press (1997)
	AS	<u>47</u>	Santodonato, L., et al., "Cure of Mice with Established Metastatic Friend Leukemia Cell Tumors by a Combined Therapy with Tumor Cells Expressing Both Interferon- α 1 and Herpes Simplex Thymidine Kinase Followed by Ganciclovir," <i>Human Gene Ther.</i> 7:1-10, Mary Ann Liebert, Inc. (1996)
	AT	<u>47</u>	Sarin, P.S., "Molecular Pharmacologic Approaches to the Treatment of AIDS," <i>Ann. Rev. Pharmacol.</i> 28:411-428, Annual Reviews, Inc. (1988)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>48</u>	Schaefer-Ridder, M., et al., "Liposomes as Gene Carriers: Efficient Transformation of Mouse L Cells by Thymidine Kinase Gene," <i>Science</i> 215:166-168, American Association for the Advancement of Science (1982)
	AS	<u>48</u>	Schiffer, M., et al., "Apoptosis in podocytes induced by TGF- β and Smad7," <i>J. Clin. Invest.</i> 108:807-816, American Society for Clinical Investigation (September 2001)
	AT	<u>48</u>	Schutte, M., et al., "DPC4 Gene in Various Tumor Types," <i>Cancer Res.</i> 56:2527-2530, American Association for Cancer Research (1996)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>49</u>	Schwartz, A.R., et al., "Clinical Evaluation of Live, Oral Types 1, 2, and 5 Adenovirus Vaccines," <i>Am. Rev. Resp. Dis.</i> 109:233-238, American Lung Association (1974)
	AS	<u>49</u>	Segev, D.L., et al., "Müllerian Inhibiting Substance Inhibits Breast Cancer Cell Growth through an NFκB-mediated Pathway," <i>J. Biol. Chem.</i> 275:28371-28379, The American Society for Biochemistry and Molecular Biology, Inc. (2000)
	AT	<u>49</u>	Segev, D.L., et al., "Müllerian Inhibiting Substance Regulates NFκB Signaling and Growth of Mammary Epithelial Cells in Vivo," <i>J. Biol. Chem.</i> 276:26799-26806, The American Society for Biochemistry and Molecular Biology, Inc. (July 2001)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
		APPLICANT Maheswaran et al.			
		FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>50</u>	Seifer, D.B., et al., "Gonadotropin-Releasing Hormone Agonist-Induced Differences in Granulosa Cell Cycle Kinetics Are Associated with Alterations in Follicular Fluid Mullerian-Inhibiting Substance and Androgen Content," <i>J. Clin. Endo. Metab.</i> 76:711-714, The Endocrine Society (1993)
	AS	<u>50</u>	Shah, P.C., et al., "Müllerian Inhibiting Substance as a Model for the Transforming Growth Factor- β Family: Development of New Treatment Strategies," <i>Sem. Ped. Surg.</i> 5:182-190, W.B. Saunders Co. (1996)
	AT	<u>50</u>	Sharf, R., et al., "Functional Domain Analysis of Interferon Consensus Sequence Binding Protein (ICSBP) and Its Association with Interferon Regulatory Factors," <i>J. Biol. Chem.</i> 270:13063-13069, The American Society for Biochemistry and Molecular Biology, Inc. (1995)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>51</u>	Shaw, M.A., et al., "Aminoglutethimide and Ketoconazole: Historical Perspectives and Future Prospects," <i>J. Steroid Biochem.</i> 31:137-146, Pergamon Press (1988)
	AS	<u>51</u>	Sims, S.H., et al., "A Novel Interferon-Inducible Domain: Structural and Functional Analysis of the Human Interferon Regulatory Factor 1 Gene Promoter," <i>Molec. Cell. Biol.</i> 13:690-702, American Society for Microbiology (1993)
	AT	<u>51</u>	Sonino, N., "The Use of Ketoconazoles as an Inhibitor of Steroid Production," <i>New Engl. J. Med.</i> 317:812-818, Massachusetts Medical Society (1987)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>52</u>	Soule, H.D., et al., "Isolation and Characterization of a Spontaneously Immortalized Human Breast Epithelial Cell Line, MCF-10," Cancer Res. 50:6075-6086, American Association for Cancer Research (1990)
	AS	<u>52</u>	Sovak, M.A., et al., "Aberrant Nuclear Factor- κ B/Rel Expression and the Pathogenesis of Breast Cancer," J. Clin. Invest. 100:2952-2960, The American Society for Clinical Investigation, Inc. (1997)
	AT	<u>52</u>	Sporn, M.B. and Roberts, A.B., eds., in: <i>Peptide Growth Factors and Their Receptors II</i> , Springer-Verlag, Berlin, GER, pp. 184 (1990)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>53</u>	Straubinger, R.M. and Papahadjopoulos, D., "Liposomes as Carriers for Intracellular Delivery of Nucleic Acids," <i>Meth. Enzymol.</i> 101:512-527, Academic Press (1983)				
	AS	<u>53</u>	Stribling, R., et al., "Aerosol genedelivery in vivo," <i>Proc. Natl. Acad. Sci. USA</i> 89:11277-11281, National Academy of Sciences (1992)				
	AT	<u>53</u>	Swain, A., et al., "Dax1 antagonizes Sry action in mammalian sex determination," <i>Nature</i> 391:761-767, Nature Publishing Group (1998)				
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	54	Szoka, F., and Papahadjopoulos, D., "Procedure for preparation of liposomes with large internal aqueous space and high capture by reverse-phase evaporation," <i>Proc. Natl. Acad. Sci. USA</i> 75:4194-4198, National Academy of Sciences (1978)
	AS	54	Takahashi, M., et al., "Müllerian inhibiting substance as oocyte meiosis inhibitor," <i>Molec. Cell. Endocrinol.</i> 47:225-234, Elsevier Scientific Publishers Ireland, Ltd. (1986)
	AT	54	Tamura, G., et al., "Two Distinct Regions of Deletions in the Long Arm of Chromosome 5 in Differentiated Adenocarcinomas of the Stomach," <i>Cancer Res.</i> 56:612-615, American Association for Cancer Reserach (1996)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>55</u>	Tan, Y.H., et al., "The Linkage of Genes for the Human Interferon-Induced Antiviral Protein and Indophenol Oxidase-B Traits to Chromosome G-21," <i>J. Exp. Med.</i> 137:317-330, The Rockefeller University Press (1973)
	AS	<u>55</u>	Taniguchi, T., et al., "IRF Family of Transcription Factors as Regulators of Host Defense," <i>Annu. Rev. Immunol.</i> 19:623-655, Annual Reviews, Inc. (April 2001)
	AT	<u>55</u>	Teixeira, J.M., "Molecular Characterization of the MIS Type II Receptor," application for National Institute of Child Health and Human Development, grant no. 1 F32 HD07954-01 (1995 or later)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>56</u>	Teixeira, J., et al., "Developmental Expression of a Candidate Müllerian Inhibiting Substance Type II Receptor," <i>Endocrinol.</i> 137:160-165, The Endocrine Society (1996)
	AS	<u>56</u>	Teixeira, J., et al., "Molecular Biology of MIS and Its Receptors," <i>J. Androl.</i> 17:336-341, American Society of Andrology, Inc. (1996)
	AT	<u>56</u>	Teixeira, F.M., et al., "Regulation of MIS Type II Receptor and Target Genes," application for National Cancer Institute, grant no. 1 R29 CA79459-01 (1998 or later)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>57</u>	Teixeira, J., "Müllerian-Inhibiting Substance Regulates Androgen Synthesis at the Transcriptional Level," <i>Endocrinol.</i> 140:4732-4738, The Endocrine Society (1999)
	AS	<u>57</u>	Teixeira, J., et al., "Müllerian Inhibiting Substance: An Instructive Developmental Hormone with Diagnostic and Possible Therapeutic Applications," <i>Endo. Rev.</i> 22:657-674, The Endocrine Society (October 2001)
	AT	<u>57</u>	Thompson, J., et al., "Long-Range Chromosomal Mapping of the Carcinoembryonic Antigen (CEA) Gene Family Cluster," <i>Genomics</i> 12:761-772, Academic Press, Inc. (1992)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>58</u>	Topalian, S.L., et al., "Expansion of human tumor infiltrating lymphocytes for use in immunotherapy trials," <i>J. Immunol. Meth.</i> 102:127-141, Elsevier Science B.V. (1987)
	AS	<u>58</u>	Topalian, S.L., et al., "Tumor-Specific Cytolysis by Lymphocytes Infiltrating Human Melanomas," <i>J. Immunol.</i> 142:3714-3725, The American Association of Immunologists (1989)
	AT	<u>58</u>	Tsafriri, A., et al., "Immunopurified Anti-Müllerian Hormone Does Not Inhibit Spontaneous Resumption of Meiosis In Vitro of Rat Oocytes," <i>Biol. Reprod.</i> 38:481-485, Society for the Study of Reproduction (1988)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 0609.5130001/LBB/FRC		APPLICATION NO. 10/646,784	
				APPLICANT Maheswaran et al.			
				FILING DATE August 25, 2003		GROUP 1614	

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>59</u>	Ueno, S., et al., "Human Recombinant Mullerian Inhibiting Substance Inhibition of Rat Oocyte Meiosis Is Reversed by Epidermal Growth Factor in Vitro," <i>Endocrinol.</i> 123:1652-1659, The Endocrine Society (1988)
	AS	<u>59</u>	Ulloa, L., et al., "Inhibition of transforming growth factor- β /SMAD signalling by the interferon- γ /STAT pathway," <i>Nature</i> 397:710-713, Nature Publishing Group (1999)
	AT	<u>59</u>	Uzé, G., et al., "Genetic Transfer of a Functional Human Interferon α Receptor into Mouse Cells: Cloning and Expression of Its cDNA," <i>Cell</i> 60:225-234, Cell Press (1990)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>60</u>	Visser, J.A., et al., "The Serine/Threonine Transmembrane Receptor ALK2 Mediates Müllerian Inhibiting Substances Signalling," <i>Molec. Endocrinol.</i> 15:936-945, The Endocrine Society (June 2001)
	AS	<u>60</u>	Wallen, J.W., et al., "Minimal Antiproliferative Effect of Recombinant Mullerian Inhibiting Substance on Gynecological Tumor Cell Lines and Tumor Explants," <i>Cancer Res.</i> 49:2005-2011, American Association for Cancer Research (1989)
	AT	<u>60</u>	Weissmann, C. and Weber, H., "The Interferon Genes," <i>Prog. Nucl. Acid Res.</i> 33:251-301, Academic Press, Inc. (1986)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>61</u>	Willman, C.L., et al., "Deletion of IRF-1, Mapping to Chromosome 5q31.1, in Human Leukemia and Preleukemic Myelodysplasia," <i>Science</i> 259:968-971, American Association for the Advancement of Science (1993)
	AS	<u>61</u>	Wilson, C.A., et al., "Mullerian Inhibiting Substance Requires Its N-Terminal Domain for Maintenance of Biological Activity, a Novel Finding within the Transforming Growth Factor- β Superfamily," <i>Molec. Endocrinol.</i> 7:247-258, The Endocrine Society (1993)
	AT	<u>61</u>	Wilson, J.M., "Vehicles for gene therapy," <i>Nature</i> 365:691-692, Nature Publishing Company (1993)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0609.5130001/LBB/FRCAPPLICATION NO.
10/646,784APPLICANT
Maheswaran et al.FILING DATE
August 25, 2003GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>62</u>	Wilson, T., et al., "The Introduction of Poliovirus RNA into Cells via Lipid Vesicles (Liposomes)," Cell 17:77-84, Massachusetts Institute of Technology (1979)
	AS	<u>62</u>	Wolff, J.A., et al., "Grafting fibroblasts genetically modified to produce L-dopa in a rat model of Parkinson disease," Proc. Natl. Acad. Sci. USA 86:9011-9014, National Academy of Sciences (1989)
	AT	<u>62</u>	Yan, H., et al., "Molecular Characterization of an Alpha Interferon Receptor 1 Subunit (IFNAR1) Domain Required for TYK2 Binding and Signal Transduction," Molec. Cell. Biol. 16:2074-2082, American Society for Microbiology (1996)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>63</u>	Yang, C.-H., et al., "Direct Association of STAT3 with the IFNAR-1 Chain of the Human Type I Interferon Receptor," <i>J. Biol. Chem.</i> 271:8057-8061, The American Society for Biochemistry and Molecular Biology, Inc. (1996)
	AS	<u>63</u>	Yang, Y., et al., "Inactivation of E2a in recombinant adenoviruses improves the prospect for gene therapy in cystic fibrosis," <i>Nat. Genet.</i> 7:362-369, Nature Publishing Group (1994)
	AT	<u>63</u>	Zhang, J.F., et al., "Gene therapy with an adeno-associated virus carrying an interferon gene results in tumor growth suppression and regression," <i>Cancer Gene Ther.</i> 3:31-38, Appleton & Lange (1996)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0609.5130001/LBB/FRC	APPLICATION NO. 10/646,784
	APPLICANT Maheswaran et al.	
	FILING DATE August 25, 2003	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>64</u>	Zijlstra, M., et al., "Germ-line transmission of a disrupted β_2 -microglobulin gene produced by homologous recombination in embryonic stem cells," <i>Nature</i> 342:435-438, Macmillan Publishers (1989)
	AS	<u>64</u>	Copy of International Search Report for International Patent Application No. PCT/US00/25094, mailed January 4, 2001, European Patent Office, Netherlands
	AT		

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.